

[Name of Document] Abstract

[Abstract]

[Object] An object of the present invention is to provide a method for shortening a setting time of an analog current to be outputted in a DA converter circuit which reads in digital voltage value data and outputs analog current value data. The present invention can be used for a data driver circuit in an AM type OLED display device.

[Solution Method] The present invention provides a function of applying a constant voltage exceptionally in the case where data to be inputted takes a predetermined value for a current output DA converter circuit. Consequently, a setting time of an analog current to be outputted for low current data and the like can be shortened.